

ABSTRACT OF THE DISCLOSURE

A method and system of managing calls over a data network includes admitting a call if a throughput requirement is met. After a call request, the call request defining a throughput requirement, is received for establishing a call, a network resource responds with a throughput requirement request. A throughput measurement is performed between the destination terminals. A throughput measurement response, including the throughput measurement, is transmitted to the network resource. Further, a plurality of communities may be defined, each including one or more terminals. A call may be admitted between communities based on the throughput requirement being met in a connection between each respective terminal. Additionally, one or more of a plurality of resource elements may be selected in response to the call request based on the throughput requirement being met. The resource elements, which may include codecs (coders/decoders), packet sizes (for carrying audio data), and others, may be used in the requested call.